



Patent  
Attorney's Docket No. 003300-909

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6/25/02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

re Patent Application of )

SARAH FREDRIKSSON et al. )

) Group Art Unit: 1744

Application No.: 10/069,006 )

) Examiner: (unassigned)

Filed: February 20, 2002 )

For: DEVICE FOR INTRODUCING )  
PORES INTO BIOLOGICAL )  
MATERIALS )

**SECOND PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
JUN 18 2002  
TC 1700

Sir:

Please further amend the above-identified Application as indicated.

**IN THE SPECIFICATION**

Kindly replace the paragraph beginning at Page 1, line 19 as follows:

When a new genetic code is transferred to a specially selected host cell, the technique is referred to as transformation or transfection. There is no general method to be used for all types of cells, but a technique is available for each cell type and purpose. Moreover it is not possible to transform all cell types using the techniques that are currently available. In 1970, Mandel and Higa (*J. Mol. Bio.* 53: 159-162) reported that *E.coli* cells which had been pre-treated with  $\text{CaCl}_2$  could be made to take up foreign DNA when subjected to a temperature shock. After that the method has been continuously developed, (see e.g. US international patent application PCT/US97/01788). By exposing cells, during

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